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| INFORMATION DISCLOSURE CITATION IN AN APPLICATION | | | ATTY. DOCKET NO. 066821-0273 | SERIAL NO. 10/781,294 | | |
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| | | | APPLICANT Reed et al. | | | |
| (Substitution for PTO-1449) | | | FILING DATE February 17, 2004 | GROUP 1636 | | |
| | | | U.S. PATENT DOCUMENTS | | | |
| EXAMINER'S INITIALS | CITE NO. | Document Number Number-Kind Code ₂ (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | |
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| FOREIGN PATENT DOCUMENTS | | | | | | |
| EXAMINER'S INITIALS | CITE NO. | Foreign Patent Document Country Codes-Number & Kind Codes (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines Where Relevant Figures Appear | Translation |
| <i>Tme</i> | **1 | WO 01/61005 | 08/23/2001 | John Bertin | | Yes No |
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| OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | |
| EXAMINER'S INITIALS | CITE NO. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | | | | |
| <i>Tme</i> | **2 | Aderem et al., "Toll-like receptors in the induction of the innate immune responses," <u>Nature</u> 406:782-787 (2000). | | | | |
| | **3 | Aravind et al., "The domains of death: evolution of the apoptosis machinery," <u>TIBS</u> 24(2):47-53 (1999). | | | | |
| | **4 | Bertin and DiStefano, "The PYRIN domain: a novel motif found in apoptosis and inflammation proteins," <u>Cell Death and Differentiation</u> 7:1273-1274 (2000). | | | | |
| | **5 | Beutler, "Autoimmunity and apoptosis: The Crohn's connection," <u>Immunity</u> 15:5-14 (2001). | | | | |
| | **6 | Carpentier et al., "TRAF1 is a TNF inducible regulator of NF- κ B activation," <u>FEBS Letters</u> 460:246-250 (1999). | | | | |
| | **7 | Chu et al, "A novel enhancer of the Apaf1 apoptosome involved in cytochrome c-dependent caspase activation and apoptosis," <u>J. Biol. Chem.</u> 276:9239-9245 (2001). | | | | |
| <i>▼</i> | 8 | Cohen et al., "IKAP is a scaffold protein of the IkappaB kinase complex," <u>Nature</u> , 395(6699):292-6 (1998). | | | | |

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| EXAMINER <i>Terri McElroy</i> | DATE CONSIDERED <i>2/17/05</i> |
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**Previously cited in parent application 09/885,621.

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| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"><i>TMC</i></td> <td style="width: 10%;">**9</td> <td colspan="2">Damiano et al., "CLAN, a novel human CED-4-like gene," <u>Genomics</u> 75:77-83(2001).</td> </tr> <tr> <td></td> <td>**10</td> <td colspan="2">Dawson and Trapani, "The interferon-inducible autoantigen, IFI 16:localization to the nucleolus and identification of a DNA-binding domain," <u>Biochem Biophys. Res. 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| | **27 | Masumoto et al., "ASC, a novel 22-kDa protein, aggregates during apoptosis of human promyelocytic leukemia HL-60 cells," <u>J. Bio. Chem.</u> 274(48):33835-33838 (1999). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | **28 | Masumoto et al., "Pyrin N-terminal homology domain- and caspase recruitment domain-dependent oligomerization of ASC," <u>Biochem. Biophys. Res. Commun.</u> 280(3):652-655 (2001). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | **29 | Masumoto et al., "Murine ortholog of ASC, a CARD-containing protein, self-associates and exhibits restricted distribution in developing mouse embryos," <u>Exp. Cell Res.</u> 262(2):128-133 (2001). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | **30 | Pawlowski et al., "PAAD - a new protein domain associated with apoptosis, cancer and autoimmune diseases," <u>TIBS</u> 26(2):85-87 (2001). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | **31 | Pras, "Familial mediterranean fever: from the clinical syndrome to the cloning of the pyrin gene," <u>Scand. J. Rheumatol.</u> 27:92-97 (1998). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | | Reed et al., "A strategy for generating monoclonal antibodies against recombinant baculovirus-produced proteins: application to the Bcl-2 oncoprotein," <u>Anal Biochem.</u> 205(1):70-6 (1992). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | **33 | Rost et al., "PHD - an automatic mail server for protein secondary structure prediction," <u>CABIOS</u> 10:53-60 (1994). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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**Previously Cited in parent application 09/865,621.

| INFORMATION DISCLOSURE CITATION IN AN APPLICATION | | ATTY. DOCKET NO. 066821-0273 | SERIAL NO. 10/781,294 |
|---|------|--|--------------------------|
| (Substitution for PTO-1449) | | APPLICANT Reed et al. | |
| | | FILING DATE February 17, 2004 | GROUP 1636 |
| True | **34 | Ruiz-Opazo et al., "Identification of a novel dual angiotensin II/vasopressin receptor on the basis of molecular recognition theory," <u>Nature Med.</u> 1:1074-1081 (1995). | |
| | **35 | Rychlewski et al., "Comparison of sequence profiles. Strategies for structural predictions using sequence information," <u>Protein Science</u> 9:232-241 (2000). | |
| | **36 | Sali and Blundell, "Comparative protein modelling by satisfaction of spatial restraints," <u>J. Mol. Biol.</u> 234:779-815 (1993). | |
| | **37 | Staub et al., "The DAPIN family: a novel domain links apoptotic and interferon response proteins," <u>TIBS</u> 26(2): 83-85 (2001). | |
| | **38 | Takeuchi et al., "TLR6: A novel member of an expanding Toll-like receptor family," <u>Gene</u> 231:59-65 (1999). | |
| | 39 | Tao et al., "Bcl-xS and Bad potentiate the death suppressing activities of Bcl-xL, Bcl-2, and A1 in yeast," <u>J. Biol. Chem.</u> 273(37):23704-8 (1998). | |
| | **40 | Thompson et al., "CLUSTAL W: improving the sensitivity of progressive multiple sequence alignment through sequence weighting, position-specific gap penalties and weight matrix choice," <u>Nucleic Acids Research</u> 22 (22):4673-4680 (1994). | |
| ↓ | **41 | van der Biezen and Jones, "The NB-ARC domain: a novel signalling motif shared by plant resistance gene products and regulators of cell death in animals," <u>Curr. Biol.</u> 8:R226-R227 (1998). | |
| | **42 | Xie et al., "MNDA dimerizes through a complex motif involving an Nterminal basic region," <u>FEBS Letters</u> 408:151-155 (1997). | |
| | **43 | Genbank Accession Number: 4557748 | |
| | **44 | Genbank Accession Number: 5094556 | |
| | **45 | Genbank Accession Number: 7019331 | |
| | **46 | Genbank Accession Number: 7669912 | |
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| EXAMINER <i>Tonya M. Kelley</i> | DATE CONSIDERED 2/17/05 |
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**Previously cited in parent application 09/885,621.

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| | | APPLICANT Reed et al. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| (Substitution for PTO-1449) | | FILING DATE February 17, 2004 | GROUP 1636 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr><td>**68</td><td>Genbank Accession Number: 14488058</td></tr> <tr><td>**69</td><td>Genbank Accession Number: 11096298</td></tr> <tr><td>**70</td><td>Genbank Accession Number: 9802275</td></tr> <tr><td>**71</td><td>Genbank Accession Number: 9863861</td></tr> <tr><td>**72</td><td>Genbank Accession Number: 986863</td></tr> <tr><td>**73</td><td>Genbank Accession Number: 10825255</td></tr> <tr><td>**74</td><td>Genbank Accession Number: 10801601</td></tr> <tr><td>**75</td><td>Genbank Accession Number: 7020146</td></tr> <tr><td>**76</td><td>Genbank Accession Number: 14779447</td></tr> <tr><td>**77</td><td>Genbank Accession Number: 13325315</td></tr> <tr><td>**78</td><td>Genbank Accession Number: 15215377</td></tr> <tr><td>**79</td><td>Genbank Accession Number: 11230601</td></tr> <tr><td>**80</td><td>Genbank Accession/Number: 9937751</td></tr> <tr><td>**81</td><td>Genbank Accession Number: 14758026</td></tr> <tr><td>**82</td><td>Genbank Accession Number: 15193291</td></tr> <tr><td>**83</td><td>Genbank Accession Number: 13182796</td></tr> <tr><td>**84</td><td>Genbank Accession Number: 14731965</td></tr> <tr><td>**85</td><td>Genbank Accession Number: 14731967</td></tr> <tr><td>**86</td><td>Genbank Accession Number: 4757727</td></tr> <tr><td>**87</td><td>Genbank Accession Number: 3341995</td></tr> <tr><td>**88</td><td>Genbank Accession Number: 10440263</td></tr> <tr><td>**89</td><td>Genbank Accession Number: 14253110</td></tr> <tr><td>**90</td><td>Genbank Accession Number: 9153913</td></tr> <tr><td>**91</td><td>Genbank Accession Number: 1383656</td></tr> <tr><td>**92</td><td>GenBank Accession No.: AF442488</td></tr> <tr><td>**93</td><td>GenBank Accession No.: AC022066</td></tr> <tr><td>**94</td><td>Genbank Accession Number: BE278926</td></tr> <tr><td>**95</td><td>GenBank Accession No.: P29315</td></tr> <tr><td>**96</td><td>Genbank Accession Number: W73523 (GI:1383656)</td></tr> </table> <p style="text-align: center; margin-left: 400px;"><i>incomplete citations, eg missing author + date</i></p> | | | | **68 | Genbank Accession Number: 14488058 | **69 | Genbank Accession Number: 11096298 | **70 | Genbank Accession Number: 9802275 | **71 | Genbank Accession Number: 9863861 | **72 | Genbank Accession Number: 986863 | **73 | Genbank Accession Number: 10825255 | **74 | Genbank Accession Number: 10801601 | **75 | Genbank Accession Number: 7020146 | **76 | Genbank Accession Number: 14779447 | **77 | Genbank Accession Number: 13325315 | **78 | Genbank Accession Number: 15215377 | **79 | Genbank Accession Number: 11230601 | **80 | Genbank Accession/Number: 9937751 | **81 | Genbank Accession Number: 14758026 | **82 | Genbank Accession Number: 15193291 | **83 | Genbank Accession Number: 13182796 | **84 | Genbank Accession Number: 14731965 | **85 | Genbank Accession Number: 14731967 | **86 | Genbank Accession Number: 4757727 | **87 | Genbank Accession Number: 3341995 | **88 | Genbank Accession Number: 10440263 | **89 | Genbank Accession Number: 14253110 | **90 | Genbank Accession Number: 9153913 | **91 | Genbank Accession Number: 1383656 | **92 | GenBank Accession No.: AF442488 | **93 | GenBank Accession No.: AC022066 | **94 | Genbank Accession Number: BE278926 | **95 | GenBank Accession No.: P29315 | **96 | Genbank Accession Number: W73523 (GI:1383656) |
| **68 | Genbank Accession Number: 14488058 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **69 | Genbank Accession Number: 11096298 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| **71 | Genbank Accession Number: 9863861 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **72 | Genbank Accession Number: 986863 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **73 | Genbank Accession Number: 10825255 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| **81 | Genbank Accession Number: 14758026 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **82 | Genbank Accession Number: 15193291 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| **86 | Genbank Accession Number: 4757727 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **87 | Genbank Accession Number: 3341995 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **88 | Genbank Accession Number: 10440263 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **89 | Genbank Accession Number: 14253110 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| **93 | GenBank Accession No.: AC022066 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **94 | Genbank Accession Number: BE278926 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **95 | GenBank Accession No.: P29315 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **96 | Genbank Accession Number: W73523 (GI:1383656) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| <i>Terry M. Kehoe</i> | EXAMINER | DATE CONSIDERED |
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